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- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 10 October 2002

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



(54) Title: STENTS AND METHODS FOR PREPARING STENTS

(57) Abstract: Radially expandable stents having hydrogel coating layers thereon, and methods of preparing such stents are disclosed. The methods include coating a wire with a solution that includes a solvent and a water soluble polymer in the solvent, evaporating the solvent to provide a polymeric coating on the wire, and crosslinking the polymeric coating to provide a hydrogel coating layer on the wire. The coated wire can be fabricated into stents, which preferably have substantially uniform coatings with low surface roughness. Preferably the coatings have hydrophilic properties and provide a biocompatible surface. The coatings may also provide for the delivery of biologically active agents into the body.

# INTERNATIONAL SEARCH REPORT

Interior nai Application No PCT/US 01/44445

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61L31/10 A61L31/16 A61F2/06								
According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS								
Minimum documentation searched (classification system followed by classification symbols)  IPC 7 A61L A61F								
Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched								
	ata base consulted during the International search (name of data base	e and, where practical, search terms used)						
EPO-Internal, WPI Data, PAJ								
C. DOCUMENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.					
X	EP 0 895 761 A (SCHNEIDER USA INC 10 February 1999 (1999-02-10) paragraph '0014! paragraph '0023! claims 1,6-9	)	1-21					
X	WO 96 25897 A (MENLO CARE INC) 29 August 1996 (1996-08-29) claims 1,2,6,8,9		1-21					
A	US 5 968 091 A (FRID NOUREDDINE 19 October 1999 (1999-10-19) cited in the application claim 1	ET AL)	1,8,12, 18-21					
Further documents are listed in the continuation of box C.  Patent family members are listed in annex.								
"A" docume consider of the considering of the color of th	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another on or other special reason (as specified) sent referring to an oral disclosure, use, exhibition or means sent published prior to the international filing date but	T' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention.  X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone.  Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.						
tater than the priority date claimed "&" document member of the same patent family								
Date of the actual completion of the International search  Date of mailing of the International search report  5 August 2002  20/08/2002								
	5 Magato 2002							
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentiaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016		Authorized officer Heck, G						

# INTERNATIONAL SEARCH REPORT

International application No. PCT/US 01/44445

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)				
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely: see FURTHER INFORMATION sheet PCT/ISA/210				
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:				
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).				
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)				
This international Searching Authority found multiple inventions in this international application, as follows:				
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.				
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.				
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:				
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:				
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.				

### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Although claims 18-21 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the composition.

Continuation of Box I.1

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery

# INTERNATIONAL SEARCH REPORT

Information on patent family members

Intermal Application No
PCT/US 01/44445

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